



Michael McDonough, Interim Director

MINUTES

Tuesday, October 3, 2017

8:30 a.m. – 5:30 p.m.

State Office Building, Room 5

St. Paul, MN 55155

Members Present: Jeff Broberg, Sen. Gary Dahms, Sen. Kari Dziedzic, Rep. Rob Ecklund, William Faber, Nancy Gibson, Rep. Josh Heintzeman, Rep. Joe Hoppe, Sen. Bill Ingebrigtsen, Nicole Kessler, Gary Lamppa, Norman Moody, Rep. Jim Newberger, Sen. David Tomassoni, Rep. Jean Wagenius, Sen. Torrey Westrom, Della Young

Staff Present: M. McDonough, M. Varien, D. Griffith

Members Excused: ---

Co-Chair: Sen. Bill Ingebrigtsen

Co-Chair Ingebrigtsen convened the meeting at 8:35 a.m.

1. Approve the minutes for September 26, 27, and 28, 2017

MOTION: Commissioner Tomassoni moved to approve the minutes for September 26, 27 and 28, 2017 – motion prevailed.

2. Members report potential conflicts of interest regarding today's business

MS 116P.09 Subd 6 Conflict of interest. A commission member, technical advisory committee member, a peer review panelist, or an employee of the commission may not participate in or vote on a decision of the commission, technical advisory committee, or peer review panel relating to an organization in which the member, panelist, or employee has either a direct or indirect personal financial interest. While serving on the commission, technical advisory committee, or peer review panel, or being an employee of the commission, a person shall avoid any potential conflict of interest.

Members reported no conflict of interests for today's meeting.

3. Environment and Natural Resources Trust Fund 2018 Proposal Presentations (FY19) – see attached schedule (subject to change)

See Attachment #1 for Presentation Schedule for October 3, 2017.

Members recessed at 11:50 a.m. and reconvened at 12:45 p.m.

5. Continue Environment and Natural Resources Trust Fund 2018 Proposal Presentations (FY19) – see attached schedule (subject to change)

See Attachment #1 for Presentation Schedule for October 3, 2017.

LEGISLATIVE-CITIZEN COMMISSION ON MINNESOTA RESOURCES

6. Other business (as needed)

- Next steps in the process

Greta Gauthier, and Joel Peck discussed their proposal ENRTF ID: 035-B titled “Wastewater Treatment Plant Optimization Pilot Program”, MPCA for \$236,360.

Laura Babcock, Director, Minnesota Technical Assistance Program (MNTap), provided an overview of MNTap.

MOTION: Commissioner Wagenius moved to have the MPCA staff revise proposal 035-B titled “Wastewater Treatment Plant Optimization Pilot Program” to add technical assistance for pond wastewater treatment systems in addition to mechanical wastewater treatment system and more technical outreach for small communities and resubmit a revised proposal to the LCCMR by noon on Thursday October 5, 2017 – motion prevailed.

7. Adjourn

Meeting adjourned at 4:00 p.m.

Draft

Tuesday, October 3, 2017 - Co-chair: Sen. Bill Ingebrigtsen

Room 5, State Office Building, St. Paul, MN

8:30 AM - 5:00 PM

Time	ID #	Project Title	\$ Request	Organization	Project Manager
8:30 AM	132-D	Minnesota Invasive Terrestrial Plants and Pests Center 4	\$7,000,000	U of MN	Venette, Robert
9:00 AM	135-D	Slow the Spread of the Emerald Ash Borer	\$14,689,500	Minnesota Department of Agriculture	Abrahamson, Mark
9:25 AM	138-D	Monitoring and Biocontrol of Brown Marmorated Stink Bug	\$199,224	Minnesota Department of Agriculture	Ambourn, Angie
9:50 AM	141-D	Palmer Amaranth Detection and Eradication	\$431,200	Minnesota Department of Agriculture	Chandler, Monika
10:15 AM	147-D	Terrestrial Invasive Plant Detection Methods for Forest Lands	\$300,000	MN DNR	Burks, Susan
10:40 AM	139-D	Determining Minnesota's Risk of a Toxic Algal Invader	\$243,000	Science Museum of Minnesota	Heathcote, Adam
11:05 AM	152-D	Evaluate Control Methods for Invasive Hybrid Cattails	\$131,920	Voyageurs National Park	Windels, Steve
11:30 AM	133-D	Developing RNA Interference Genetic Controls for Zebra Mussels	\$716,207	U.S. Geological Survey	Merkes, Christopher
11:55 AM	134-D	An Effective and Practical Invasive Carp Deterrent	\$998,000	U of MN	Sorensen, Peter
Break for Lunch					
1:05 PM	N/A	LCCMR Business Meeting/Process and Issue Discussion	N/A	N/A	N/A
1:30 PM	012-A	Forest Regeneration – Validating Operational Seed Zones	\$796,395	U of MN - Duluth	Etterson, Julie
1:55 PM	018-A	Mapping Avian Movement in Minnesota	\$682,060	U of MN - Duluth NRRI	Niemi, Gerald
2:20 PM	101-C	Connecting Students with Watersheds through Hands-on Learning	\$581,270	Minnesota Trout Unlimited	Lenczewski, John
2:45 PM	174-E	Production and Utilization of Biomass: St. Louis County	\$3,999,300	St. Louis County Land and Minerals Department	Weber, Mark
3:10 PM	158-E	Clean Electricity from Solar Windows	\$458,494	U of MN	Kortshagen, Uwe
3:35 PM	160-E	Cheap Solar Energy from Roll-to-Roll Manufacturing	\$388,852	U of MN	Cui, Tianhong
4:00 PM	127-C	Preparing Minnesotans for Changes in Wolf Management	\$1,200,000	International Wolf Center	Kline, David
4:25 PM	169-E	Bringing Geothermal Power to MN: CO2 Power-system Test	\$315,250	TerraCOH Inc.	Randolph, Jimmy

Draft



Michael McDonough, Interim Director

MINUTES

Wednesday, October 4, 2017

8:30 a.m. – 5:30 p.m.

State Office Building, Room 5

St. Paul, MN 55155

Members Present: Jeff Broberg, Sen. Gary Dahms, Sen. Kari Dziedzic, Rep. Rob Ecklund, Nancy Gibson, Rep. Josh Heintzeman, Rep. Joe Hoppe, Sen. Bill Ingebrigtsen, Nicole Kessler, Gary Lamppa, Norman Moody, Sen. David Tomassoni, Rep. Jean Wagenius, Sen. Torrey Westrom, Della Young

Staff Present: M. McDonough, M. Varien, D. Griffith

Members Excused: William Faber, Rep. Jim Newberger

Co-Chair: Rep. Josh Heintzeman

Co-Chair Heintzeman convened the meeting at 8:30 a.m.

1. Members report potential conflicts of interest regarding today's business

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Members reported no conflict of interests for today's meeting.

2. Environment and Natural Resources Trust Fund 2018 Proposal Presentations (FY19) – see attached schedule (subject to change)

See Attachment #1 for Presentation Schedule for October 4, 2017.

Members recessed at 12:05 p.m. and reconvened at 12:45 p.m.

3. Continue Environment and Natural Resources Trust Fund 2018 Proposal Presentations (FY19) – see attached schedule (subject to change)

See Attachment #1 for Presentation Schedule for October 4, 2017.

4. Other business (as needed)

- Next steps in the process

5. Adjourn

Meeting adjourned at 3:25 p.m.

Wednesday, October 4, 2017 - Co-chair: Rep. Josh Heintzeman

Room 5, State Office Building, St. Paul, MN

8:30 AM - 5:30 PM

Time	ID #	Project Title	\$ Request	Organization	Project Manager
8:30 AM	178-F	Nongame Wildlife Program Acceleration	\$2,000,000	MN DNR	Henderson, Carrol
9:00 AM	179-F	Preserving and Restoring Minnesota's Native Orchids – Phase 2	\$468,000	U of MN	Remucal, David
9:25 AM	013-A	Assessing Ecosystem Services Provided by Lichens and Mosses	\$213,000	U of MN	Stanton, Daniel
9:50 AM	180-F	Show Me the Money:10 Markets for Perennials	\$347,500	Science Museum of Minnesota	Schottler, Shawn
10:15 AM	184-F	Repurposing Unprofitable Cropland: Water and Wildlife's Silver Bullet?	\$319,063	Science Museum of Minnesota	Ulrich, Jason
10:40 AM	187-F	Implementing Novel Market-based Methods for Urban Habitat Restoration	\$499,900	Great River Greening	Huckett, Steven
11:05 AM	194-F	MN CREP for Water Quality and Habitat	\$15,000,000	Minnesota Board of Water and Soil Resources	Rickert, Dave
11:30 AM	203-G	Private Native Prairie Conservation through Native Prairie Bank	\$4,535,000	MN DNR	Schulte, Judy
11:55 AM	215-G	Prioritize and Target north-central Minnesota Lakes for Protection	\$1,492,500	Crow Wing Soil and Water Conservation Districts	Barrick, Melissa
Break for Lunch					
1:05 PM	191-F	Are We Turning Wild Prairie Plants Into Crops?	\$555,441	U of MN - Duluth	Haines, Dustin
1:30 PM	186-F	Restoring Wetland Invertebrates to Revive Wildlife Habitat	\$417,895	MN DNR	Larson, Danelle
1:55 PM	190-F	Working Conservation Lands for Grazing, Harvest, and Habitat	\$315,000	Minnesota Board of Water and Soil Resources	Rhees, Suzanne
2:20 PM	196-F	Okabena Creek Water Quality and Flood Protection Demonstration	\$720,565	Heron Lake Watershed District	Voit, Jan
2:45 PM	188-F	Converting Agricultural Wastes Into Energy, Polymers, and Fertilizers	\$949,000	U of MN	Pagliari, Paulo
3:10 PM	195-F	Replacing Plastic Cover in Vegetable Production with BioMulch	\$310,000	U of MN	Pagliari, Paulo
3:35 PM	183-F	Sediment Hazards to Trout in Southeast Minnesota Streams	\$337,000	U of MN	Wickert, Andrew
4:00 PM	185-F	Advancing Streambank Protection Systems	\$286,426	U of MN	Guala, Michele
4:25 PM	189-F	Increasing Timber Availability and Habitat With Soil Management	\$396,000	U of MN	Slesak, Robert
4:50 PM	182-F	Restoring Minnesota's Forests in State Parks	\$432,240	MN DNR	Quinn, Edward



Michael McDonough, Interim Director

MINUTES

Thursday, October 5, 2017

8:30 a.m. – 4:30 p.m.

State Office Building, Room 5

St. Paul, MN 55155

Members Present: Jeff Broberg, Sen. Gary Dahms, Sen. Kari Dziedzic, Rep. Rob Ecklund, William Faber, Nancy Gibson, Rep. Joe Hoppe, Sen. Bill Ingebrigtsen, Nicole Kessler, Gary Lamma, Norman Moody, Sen. David Tomassoni, Rep. Jean Wagenius, Sen. Torrey Westrom, Della Young

Staff Present: M. McDonough, M. Varien, D. Griffith

Members Excused: Rep. Josh Heintzeman and Rep. Jim Newberger

Co-Chair Broberg convened the meeting at 8:30 a.m.

MOTION: Commissioner Moody moved to approve the agenda for today's meeting – motion prevailed.

Co-Chair: Jeff Broberg

1. Members report potential conflicts of interest regarding today's business

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Members reported no conflict of interests for today's meeting.

2. Environment and Natural Resources Trust Fund 2018 Proposal Presentations (FY19) – see attached schedule (subject to change)

See Attachment #1 for Presentation Schedule for October 5, 2017.

Members recessed at 11:55 a.m. and reconvened at 12:15 p.m.

3. Continue Environment and Natural Resources Trust Fund 2018 Proposal Presentations (FY19) – see attached schedule (subject to change)

See Attachment #1 for Presentation Schedule for October 5, 2017.

4. LCCMR Business Meeting: Discussion of LCCMR Allocation Process on 10/17 – 10/18

Michael McDonough reminded members their scoring is due by noon on October 12, 2017.

5. Other business (as needed)

- Next steps in the process

6. Adjourn

Meeting adjourned at 3:00 p.m.

Thursday, October 5, 2017 - Co-chair: Jeff Broberg

Room 5, State Office Building, St. Paul, MN

8:30 AM - 4:30 PM

Time	ID #	Project Title	\$ Request	Organization	Project Manager
8:30 AM	200-G	Minnesota State Parks and State Trails Land Acquisition	\$5,000,000	MN DNR	Christie, Jennifer
9:00 AM	202-G	Minnesota State Trails - Development and Enhancement	\$5,000,000	MN DNR	Skaar, Kent
9:25 AM	199-G	SNA Habitat Restoration, Public Engagement, and Strategic Acquisition	\$6,760,265	MN DNR	Booth, Margaret (Peggy)
9:50 AM	207-G	Harmony State Trail Extension Land Acquisition	\$235,000	City of Harmony	Illg, Jerome
10:15 AM	208-G	Mississippi Blufflands State Trail - Red Wing Riverfront	\$920,000	City of Red Wing	Owens, Jay
10:40 AM	212-G	Swedish Immigrant Trail Segment within Interstate State Park	\$2,254,665	Chisago County Environmental Services	Mork, Laird
11:05 AM	201-G	Local Parks, Trails and Natural Area Grants	\$3,000,000	MN DNR	Mularie, Audrey
11:30 AM	205-G	Mesabi Trail, County Road 88 to Ely Segment	\$600,000	St. Louis and Lake Counties Regional Railroad Authority	Manzoline, Robert
11:55 AM	209-G	Superior Hiking Trail Enhancement Plan	\$100,200	Superior Hiking Trail Association	Caneff, Denny
Break for Lunch					
1:05 PM	213-G	A Local-State-Federal Partnership Protects multiple public benefits on the Mississippi River	\$700,000	City of Baxter	Doty, Josh
1:30 PM	214-G	Mississippi Riverfront Redevelopment Project	\$1,000,000	City of Brainerd	Thoreen, Jim
1:55 PM	057-B	Preventing Nitrate Contamination of Groundwater Using Perennial Grains	\$759,312	Minnesota Department of Agriculture	Peterson, Heidi
2:20 PM	064-B	Unregulated Contaminants: Addressing Gaps in Drinking Water Protection	\$2,107,920	Minnesota Department of Health	Robertson, Stephen
2:45 PM	034-B	Removing Plastic Particle Pollution from Minnesota Water Bodies	\$388,557	U of MN	Coletti, Filippo
3:10 PM	166-E	Life Cycle Analysis of Anaerobic Digestion and Organics	\$250,000	Minnesota Pollution Control Agency	Walsh, Kayla
3:35 PM	027-A	Foundational Assessment of Soil Health Metrics in Minnesota	\$695,477	U of MN	Jelinski, Nicolas
4:00 PM	N/A	LCCMR Business Meeting: Discussion of LCCMR Allocations Process on Oct. 17-18 and ENRTF ID: 217-H "Contract Agreement Reimbursement"	N/A	N/A	N/A